Philips
professional flat TV with
Crystal Clear III

20"
LCD

20HF7462

System Prepared Flat TV

Specially designed for in-room entertainment

Stylish compact design with an integrated LCD (alarm) clock. Equipped with advanced hotel mode and compatible with the future, optional Smartcard Xpress expansion unit allowing third party interactive solutions.

Advanced hotel features and future proof

- Integrated clock display with wake up and message alarm
- Wireless
- Display
- Volume limitation
- Front Controls Locking
- Switch On Channel Programming
- Security Menu Access
- Built-in FM radio

Interactive System Prepared, Future Proof

- SmartCard Xpress Box compatible for interactive systems
- Additional integrated power supply
- Serial Xpress™ Control interface
- Future proof by software upgradability

PHILIPS
sense and simplicity

Professional flat TV with Crystal Clear III
20" LCD

20HF7462/12

Specifications

Display
- Aspect ratio: 4:3
- Brightness: 450 CD
- Contrast ratio (typical): 350:1
- Diagonal screen size: 20 inch / 51 cm
- Display: LCD VGA Active Matrix TFT
- Picture enhancement: Scan, 2D combfilter, Sharpness adjustment, Active, Digital, Crystal Clear III, Color Transient Improvement
- Screen enhancement: Anti-Reflection
- Viewing Angle (H / V): 176 / 176 degree
- Resolution: 640 x 480p
- time: 25 ms

Sound
- Sound: NICAM
- Sound: Smart sound
- Power: 2 x 5W
- Music power: 20 W

Loudspeakers
- Built in: 2

Convenience
- Ease of Installation: Fine Tuning, PLL Digital Tuning, Program Name
- Use: Auto, Smart Picture Control, Sound, FM radio, On Screen Display
- Type: RC2886
- Teletext: 10 page Smart Text
- Clock: Sleep Timer, Wake up Clock
- VESA Mount: 100 x 100 mm
- Teletext enhancements: 4 favourite pages
- Remote Control: TV

Tuner
- Tuner: Hyper band, S channel, UHF, VHF, FM
- TV system: PAL, PAL, PAL, SECAM, SECAM, SECAM
- Video Playback: NTSC, PAL, SECAM
- Input: ohm
- Tuner: PLL
- Channels: 127

Connectivity
- Scart: Audio L/R, CVBS, RGB
- Other connections: Antenna, FM antenna
- Front / Side connections: Headphone out, S-video in, CVBS in
- Connectivity: Connector, Connector

Power
- Power: 55 W
- Standby power consumption: < 3 W
- Ambient temperature: +5°C/+45°C
- Power: AC 90V - 240V 50/60 Hz

Dimensions
- Product dimensions (WxDxH): 477 x 435 x 86
- Dimensions (with base) (H x D): 461 x 217 mm
- Weight: 8 kg
- Weight: 10 kg
- Outer carton dimensions WxDxH: 580 x 528 x 185
- Bezel color: Silver Frost

Accessories
- Included: Table top stand, Remote Control, Power, User manual

Product highlights

Integrated clock display
The built-in clock display, which is also a wake-up alarm, eliminates the need and investment for an additional clock with cables and connections in the room. Automatic time synchronisation via teletext and preservation of alarm settings during short power outages further enhances guest comfort

Wireless
wireless

Welcome message

Volume limitation
This feature predefines the volume range with which the TV set is allowed to operate, preventing excessive volume adjustments and avoiding disturbance of next door guests.

Front Controls Locking
Prevents unauthorised access to TV functions

Switch On Channel Programming
Perfect for in-house advertising or information channels as it allows to show a predefined channel when the TV is turned on.

Security Menu Access
Provides conditional access to installation and configuration settings via a special code or master remote control

Built-in FM radio
The integrated FM radio offers guests additional comfort without the extra investment in radio receivers.

SmartCard Xpress Box
The optional SmartCard Xpress Box can be mounted at the rear side of the TV set and allows third party decoders and application cards to interface with the TV adding new functionality to the TV. The TV can also be connected to external decoders and set-top boxes of all major interactive system providers, through the Serial Xpress Control Interface (supporting UART and RS232 protocols) and the SmartPlug Control interface.

Add. integrated power supply
The additional integrated power supply avoids the need for a separate power supply for an interactive system. In case of stand-alone use, the additional power supply can be switched off to save energy.

Serial Xpress™ Control
The Serial Xpress™ Control interface is compatible with all major premium entertainment services. The protocols enables the TV connection with external decoders, set-top boxes and PC based solutions. Support UART and RS232 protocols.

Upgradable software
The upgradable software architecture ensures that the TV is future-proof and compatible with new technologies and developments, securing your investment.

Crystal Clear III
Crystal Clear III combines a whole range of enhancements to provide a better picture. They include a 2D Comb filter, Dynamic contrast, Blue stretch and Green enhancement so that you always get the most natural looking colours.

LCD VGA display, 640 x 480p
This VGA display with state-of-the-art LCD screen technology has an enhanced resolution of 640 x 480p.

2D combfilter
The 2D comb filter separates chrominance (colour) from luminance (brightness) information in the video signal for independent processing to improve picture resolution and minimise distortion.

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